

$^{113}\text{Cd}(\text{p,p}')(\text{p,p}'\gamma)$  1967Ko07

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 111, 1471 (2010)	1-May-2009

E=14 MeV.  $\sigma(\theta)$ ,  $\theta=30^\circ-145^\circ$  with magnetic spectrograph, FWHM $\approx$ 40 keV, 1967Ko07.

 $^{113}\text{Cd}$  Levels

E(level)	$J^\pi$ <sup>‡</sup>	$T_{1/2}$	$L$ <sup>†</sup>	$\beta_L$	Comments
0	$1/2^+$				$J^\pi$ : from Adopted Levels.
292 10	$3/2^+$		2	0.19	
316		11.0 ns 6			$T_{1/2}$ : from pulsed-beam $\gamma(t)$ with semi, 1972RaZM looking at 316 $\gamma$ .
576 10	$5/2^+$		2	0.22	
670 10	$3/2^+, 5/2^+$		2	0.11,0.99	
879 10	$3/2^+, 5/2^+$		2	0.098,0.08	
1758 10	$5/2^-, 7/2^-$		3	0.20,0.17	
1887 10	$5/2^-, 7/2^-$		3	0.15,0.13	
1986 10	$5/2^-, 7/2^-$		3	0.12,0.10	

<sup>†</sup> From comparison with DWBA calculations.

<sup>‡</sup> Assumed for  $\beta_L$  calculation.